

GENERATING INSTRUCTIONS FOR DRAWING A FLOWCHART
ABSTRACT OF THE DISCLOSURE

5 A method and computer program for automatically generating flowcharting
instructions from an electronic text file of a source code. The steps include
identifying the branch statements in the source code, determining the branch
destinations for each of the identified branch statements, storing the destinations as
destination records in a data structure, and identifying a statement type for each
statement. Keys for determining that statement type may be a key work, phrase,
10 punctuation marks or other symbols contained within each source code statement.
The method is applied to source code statements written in any computer
programming language. The instructions may then be imported into a drawing
program where the flowchart may be drawn or viewed. The method may also be
applied in reverse, automatically generating an electronic text file of a source code
15 from a flowchart of a computer program.